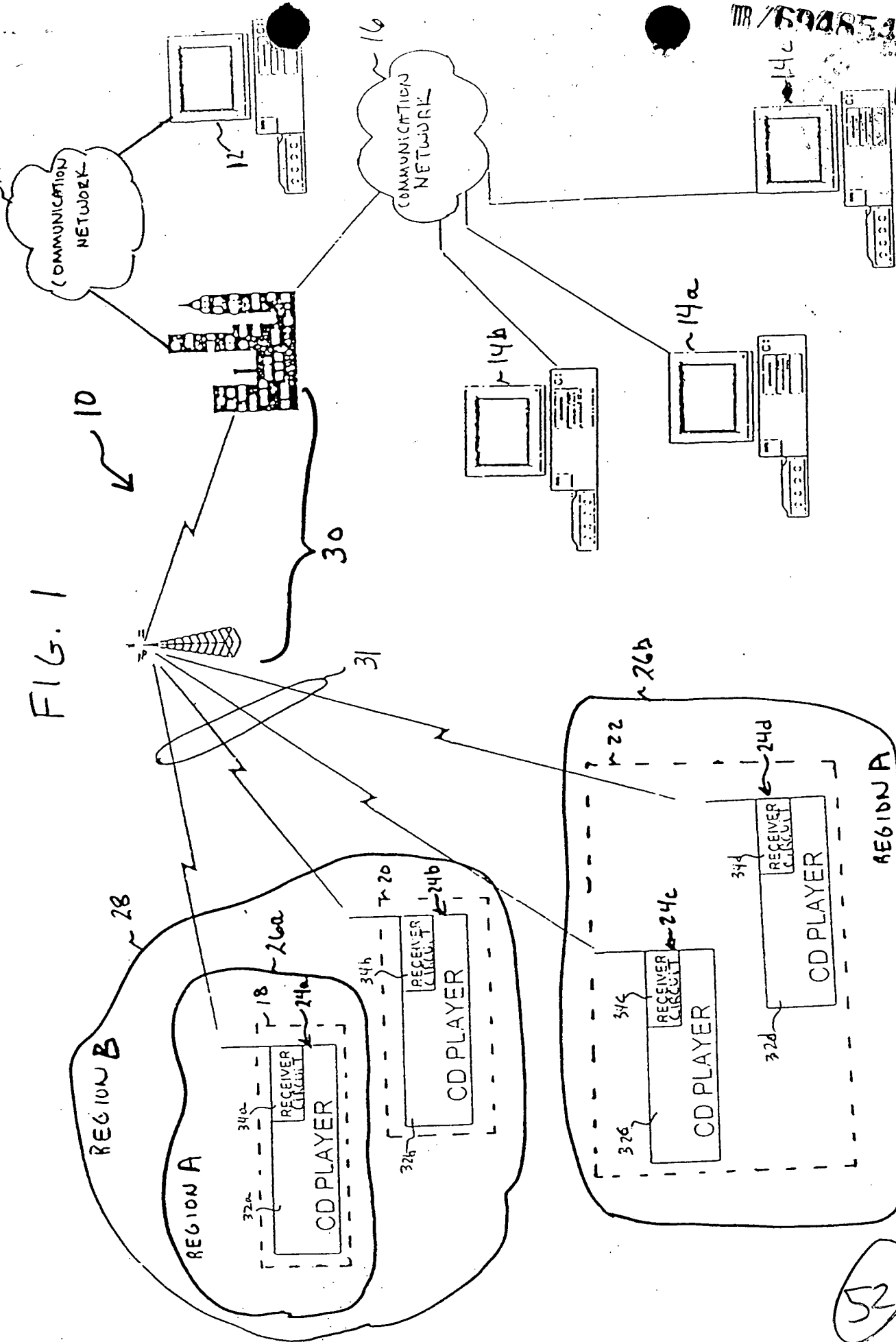


FIG. 1

MR/690854

1-23

52



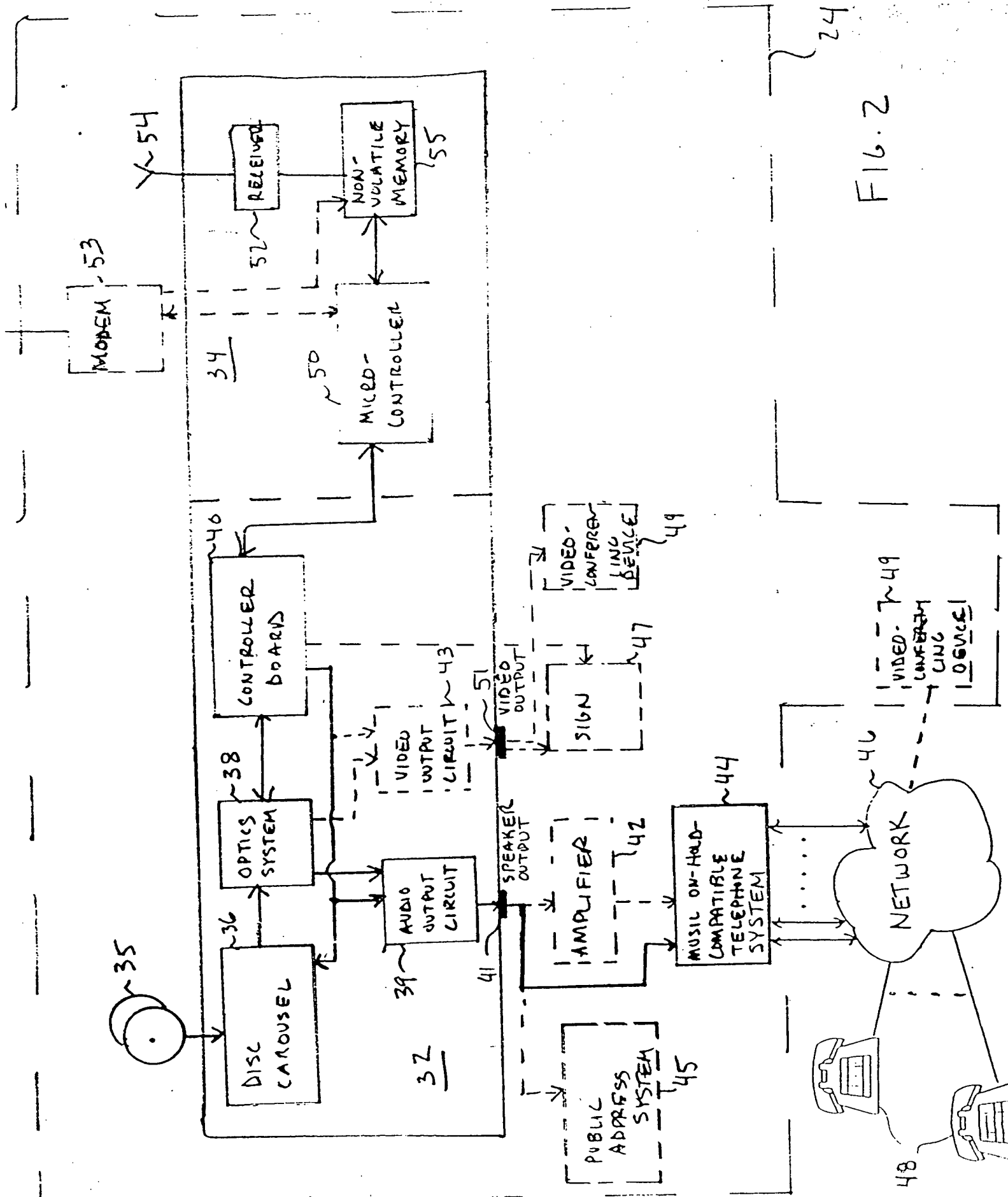


FIG. 2

FIG. 3

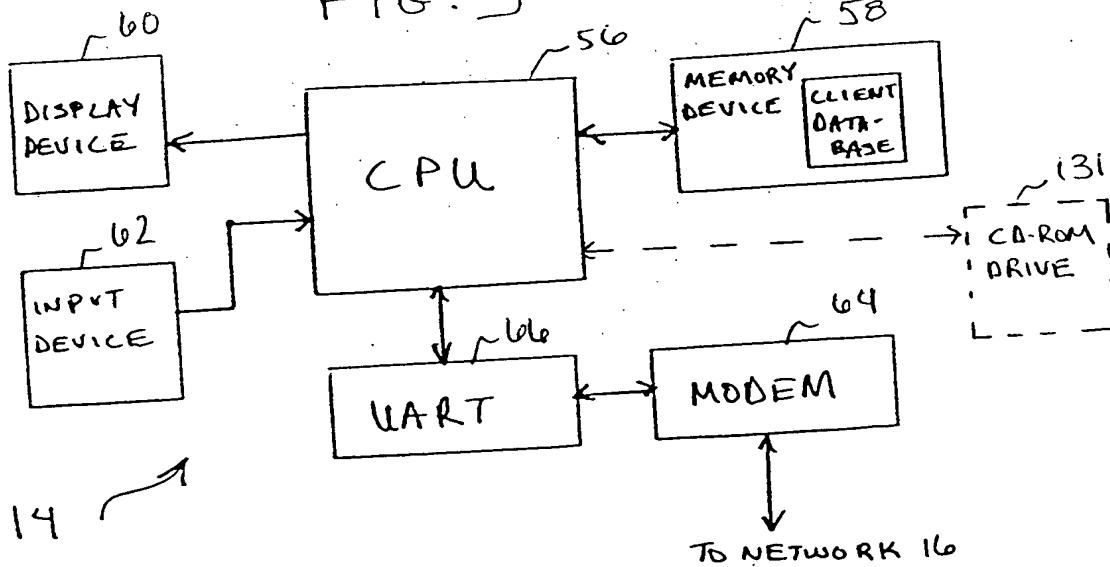
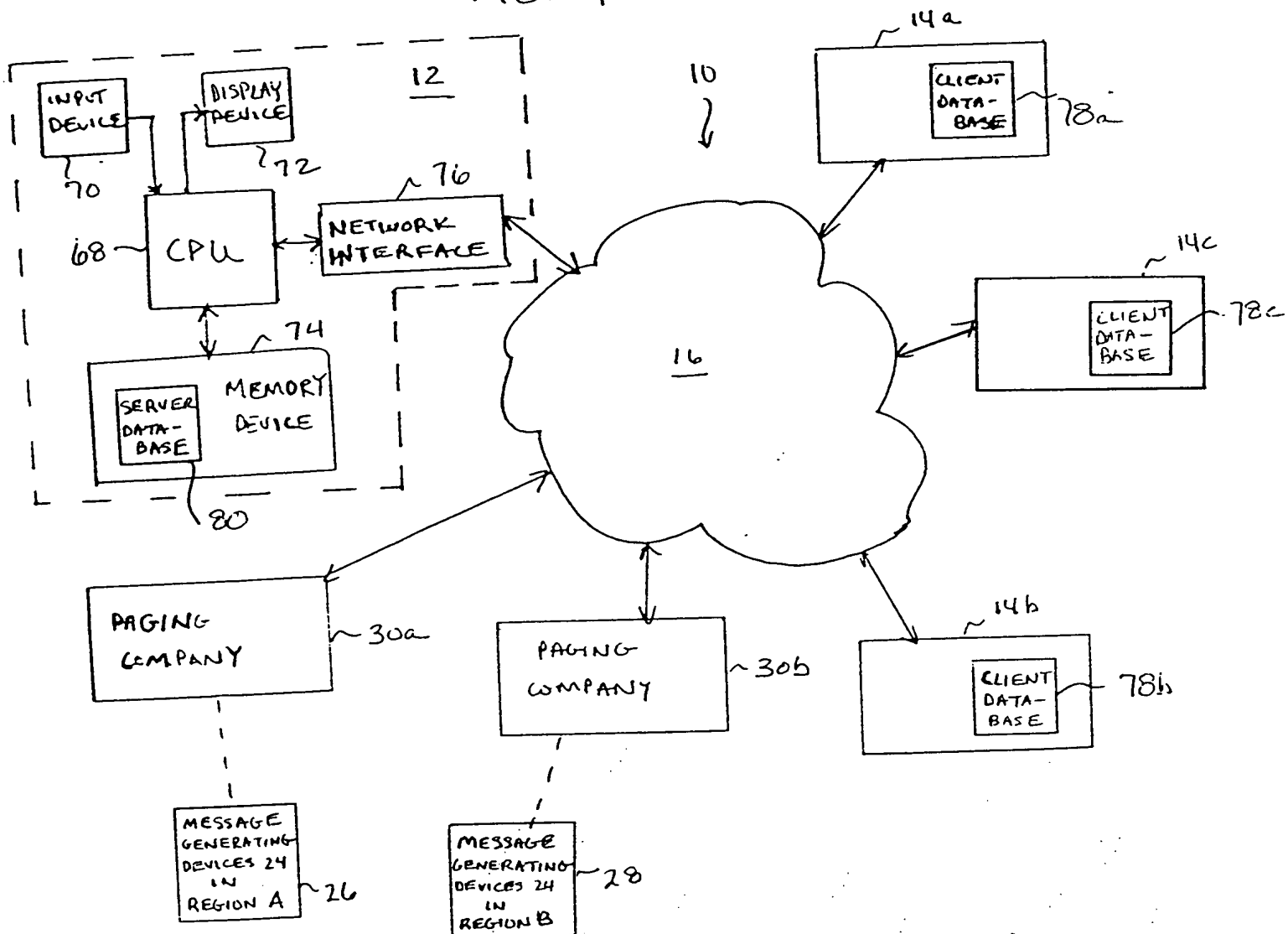


FIG. 4



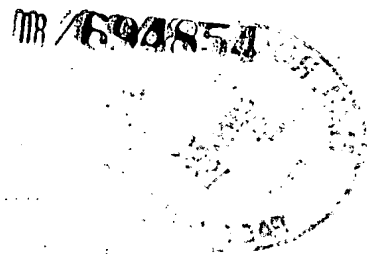


FIG. 5 82

Field	Type	Description
ACCOUNT	Long	Customer account number
ESN	Long	Electronic Serial Number
MANDATE	Date	Date of manufacture
REGION	Text	Region
BMN1	Long	Auxiliary BMN #1
BMN2	Long	Auxiliary BMN #2
BMN3	Long	Auxiliary BMN #3
MODEL	Text	Model number
FIRMREV	Text	Firmware revision
FIRMNUM	Text	Firmware ID number
CNFGDATE	Date	Date of last configuration programming
STATDATE	Date	Date of last status read
ZERODATE	Date	Date of last statistics clear
PAGECNT	Long	Total page count
PAGEERR	Long	Total corrupted page count
PAGESNT	Long	Total transmitted page count
CNFGPEND	Byte	'C' for configuration pending, 'R' for region change pending

84 FIG. 6

Field	Type	Description
PORT	Byte	Port number
FUNC	Byte	Port Function
ENAB	Byte	1=Port Enabled
CHANGE	Date	Date of last change

FIG. 7

86

MR/694854

Field	Type	Description
ACCOUNT	Long	Customer account number
PW1	Text	Current access password
PW2	Text	Previous access password
CUSTNAME	Text	Customer name
ADDRESS1	Text	Address line 1
ADDRESS2	Text	Address line 2
CITY	Text	City
STATE	Text	State
ZIP	Text	Zip or other mailing code
PHONE	Text	Telephone number
FAX	Text	FAX number
CONTACT	Text	Contact name
SALESREP	Text	Sales representative name
MAKEDATE	Date	Record creation date
EDITDATE	Date	Record last edit date

FIG. 9

90

Field	Type	Description
ACCOUNT	Long	Customer account number
REGION	Text	Region name
KEY	Long	Region Key
SSTATE	Integer	Record Status
BMN	Long	Broadcast method number
RN	Integer	Region number
DESCRIP	Text	Description of region
MAKEDATE	Date	Record creation date
EDITDATE	Date	Record last edit date

FIG. 8

~88

Field	Type	Description
ACCOUNT	Long	Customer account number
SITE	Text	Site name
KEY	Long	Site key
SSTATE	Integer	Synchronization
ESN	Long	CDPC electronic serial number
MANAGER	Text	Site manager
REGKEY	Long	Current region (by Key)
NREGKEY	Long	Newly selected region (by Key)
ADDRESS1	Text	Address line 1
ADDRESS2	Text	Address line 2
CITY	Text	City
STATE	Text	State code
ZIP	Text	Zip code
PHONE	Text	Telephone number
FAX	Text	FAX number
COUNTRY	Text	Country
HOURS	Text	Hours of operation
NOTES	Text	Notes
MAKEDATE	Date	Record creation date
EDITDATE	Date	Record last edit date

MR 7602854

FIG. 10

92

State	Value	Description
ssNew	0	The Client record has been created, but it has not yet been forwarded to the Server.
ssPend	1	The Client record has been forwarded to the Server, but is still awaiting transmission.
ssSync	2	The Server record and the Client record are up-to-date..
ssMod	3	The Client record has been changed, but the changes have not yet been forwarded to the Server.
ssReady	4	The Server record has been processed, but the Client has not yet been notified.
ssDel	5	The record has been deleted by the Client and requires administrative attention.

FIG. 11

94

Field	Type	Length	Description
ACCOUNT	Long		Customer account number
MCODE	Long		Message Code
TITLE	Text	32	Descriptive title of message
SIG	Boolean		TRUE for a signature track
TRAK	Integer		Uncorrected track assignment
LIBDISC	Integer		Library CD number
LIBTRAK	Integer		Library Track Number
READER	Text	16	Reader code, MALE, FEMALE, etc.
COPY	Memo		Message copy
INTROTIME	Integer		Introduction time (seconds)
READTIME	Integer		Reading time (seconds)
TRAILTIME	Integer		Trailer time (seconds)
RECDATE	Date		Date message was recorded
SSTATE	Integer		Synchronization Status

FIG. 12

96

Field	Type	Description
ACCOUNT	Long	Customer account number
SITEKEY	Long	Site name
MCODE	Long	Message code
TRAK	INTEGER	Corrected track number

FIG. 13

98

Status	Meaning
ssNew	The message record has been entered into the Server database and needs to be sent to the Client.
ssPend	The message record has been downloaded to the user for approval.
ssSync	The message has been approved by the customer.
ssMod	The message record has been changed in the Server database and needs to be resent to the Client.
ssReady	The message record has been approved in the Client database, but the Server needs to be notified.

FIG. 14

100

Field	Type	Description
BMN	Long	Broadcast method number
CARKEY	Text	Carrier key
PIN	Text	PIN Number
CAPCODE	Long	Capcode
FORMAT	Byte	Format Code
FREQ	Long	Frequency (Hz)
BW	Long	Bandwidth (Hz)
COVERAGE	Text	Coverage region



FIG. 15

102

Field	Type	Description
CARRIER	Text	Carrier name
KEY	Long	Carrier key
INPUTFMT	Byte	Input Format Code
ADDRESS	Text	Phone number or TCP/IP address
MODINIT	Text	Modem initialization string
RESPONSE	Text	ixo/TAP response
PKTSIZE	Integer	Maximum packet size

FIG. 16

104

Field	Type	Description
ACCOUNT	Long	Customer Account Number
SEQ	Long	Playlist Sequence Number
LIST	Text	Playlist Name
URGENT	Byte	Urgent flag
SENDDATE	Date	Date to send command
MAKEDATE	Date	Creation date
EDITDATE	Date	Last Modified Date
SENDDATE	Date	Scheduled transmission date
SSTATE	Byte	Synchronization Status

FIG. 17

106

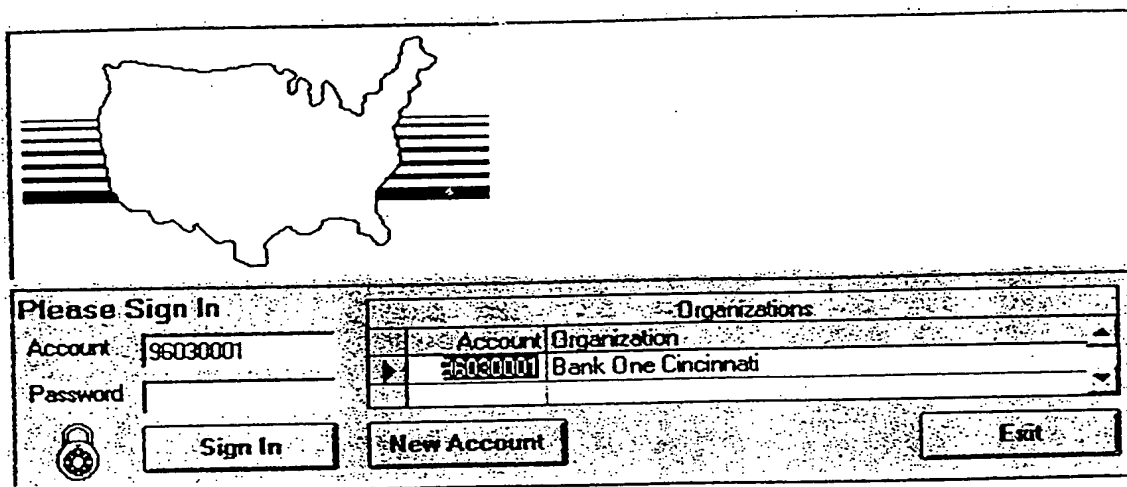
Field	Type	Description
ACCOUNT	Long	Customer Account Number
SEQ	Long	Command Sequence Number
POS	Byte	Relative position in Playlist
MCODE	Long	Message Code

FIG. 18

108

Field	Type	Description
ACCOUNT	Long	Customer Account
SEQ	Long	Command sequence ID
SITEKEY	Long	Site key
SENT	Boolean	Sent flag

FIG. 19



Please Sign In

Account: 96030001

Password:

Account	Organization
96030001	Bank One Cincinnati

Sign In New Account Exit

110

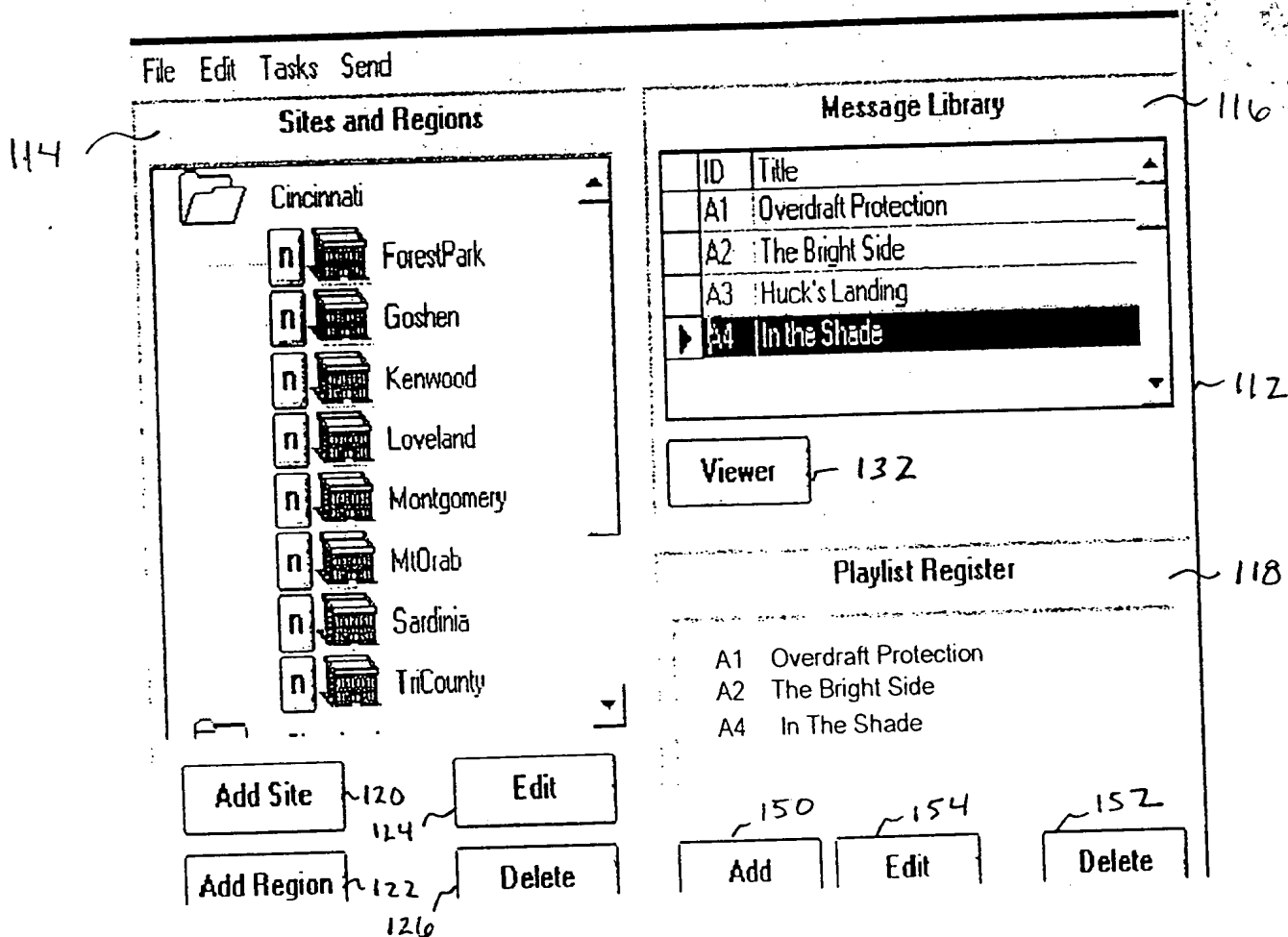


FIG. 21

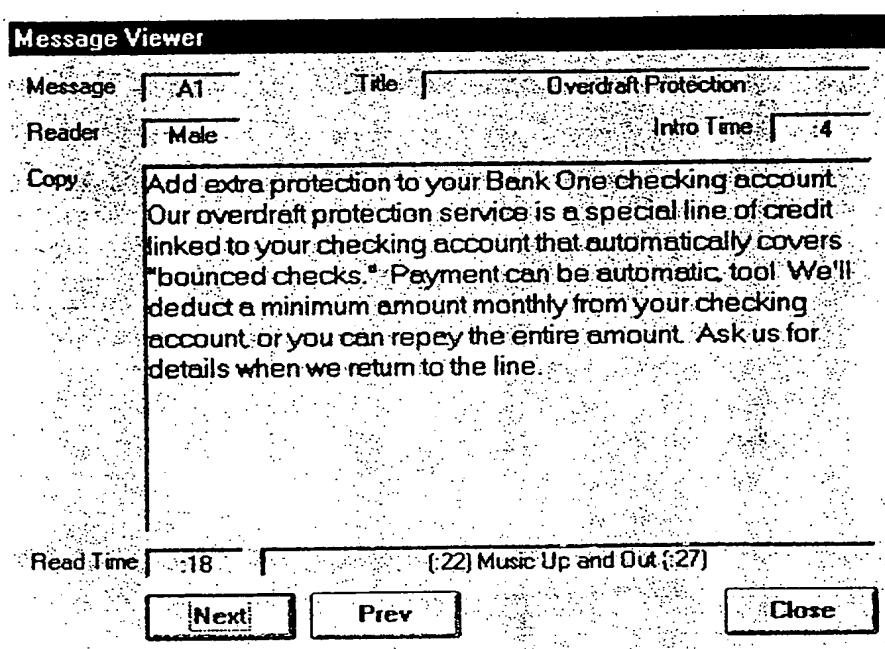


FIG. 22

**Message Viewer**

Message	A2	Title	The Bright Side
Reader	MALE	Intro Time	4
Copy	Three...Two...One...Zero! Zero in on Value One Checking at Bank One and save on monthly service fees. So, start today with zero minimum checking account balance requirements, zero check writing fees, and zero transaction fees. Ask for details when we come back on the line.		
Read Time	:18	[:22] Music Up and Out [:27]	

PLAY Next Prev Add Close

~130

FIG. 25

**Add New Region**

Account	96030001	Created	5/21/96
Region		Last Edited	5/21/96
Description			

142

Add Cancel

~146 ~138

FIG. 23

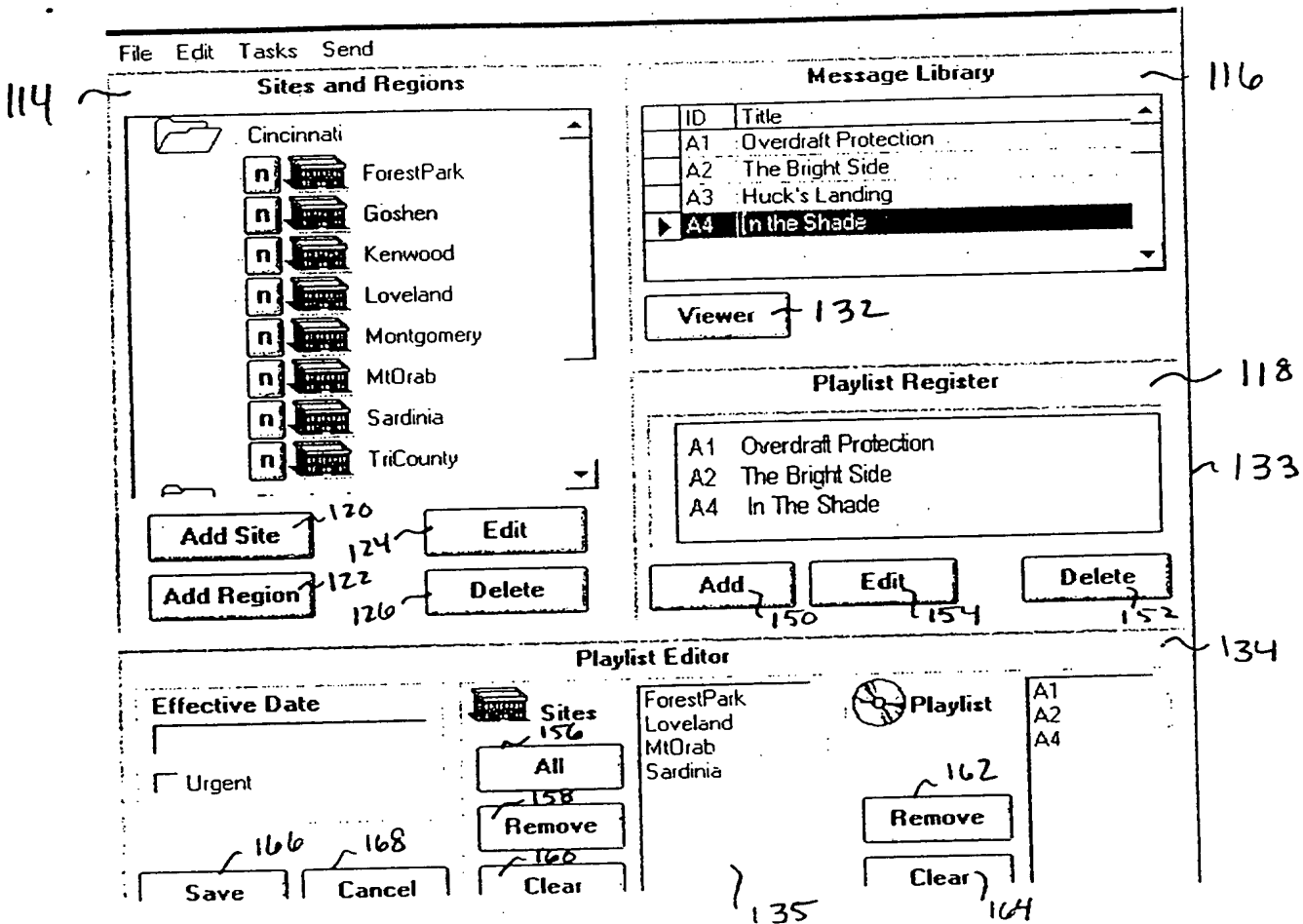


FIG. 24

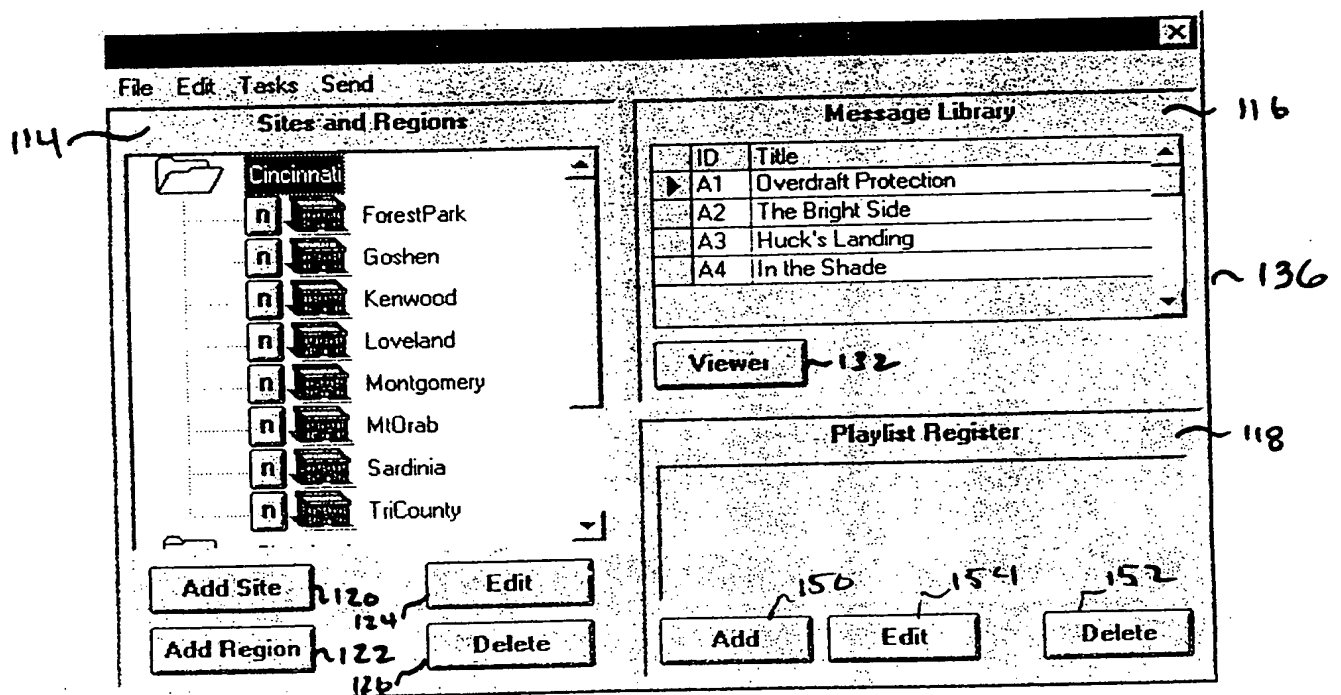


FIG. 26

Edit Site

Site

ForestPark

Created

3/12/96

Status

Newly created

Last Edited

3/12/96

General

Playlist

Pending

General Information

Contact

Manager

Address 1

Address 2

City

State

Zip

Country

Phone

FAX

Notes

Save

Cancel

~144

FIG. 27

Edit Site

Site

MtOrab

Created

3/12/96

Status

Newly created

Last Edited

3/12/96

General

Playlist

Pending

Current Playlist

Messages in Current Playlist

A1

Overdraft Protection

A2

The Bright Side

A4

In The Shade

~146

148

F16-29

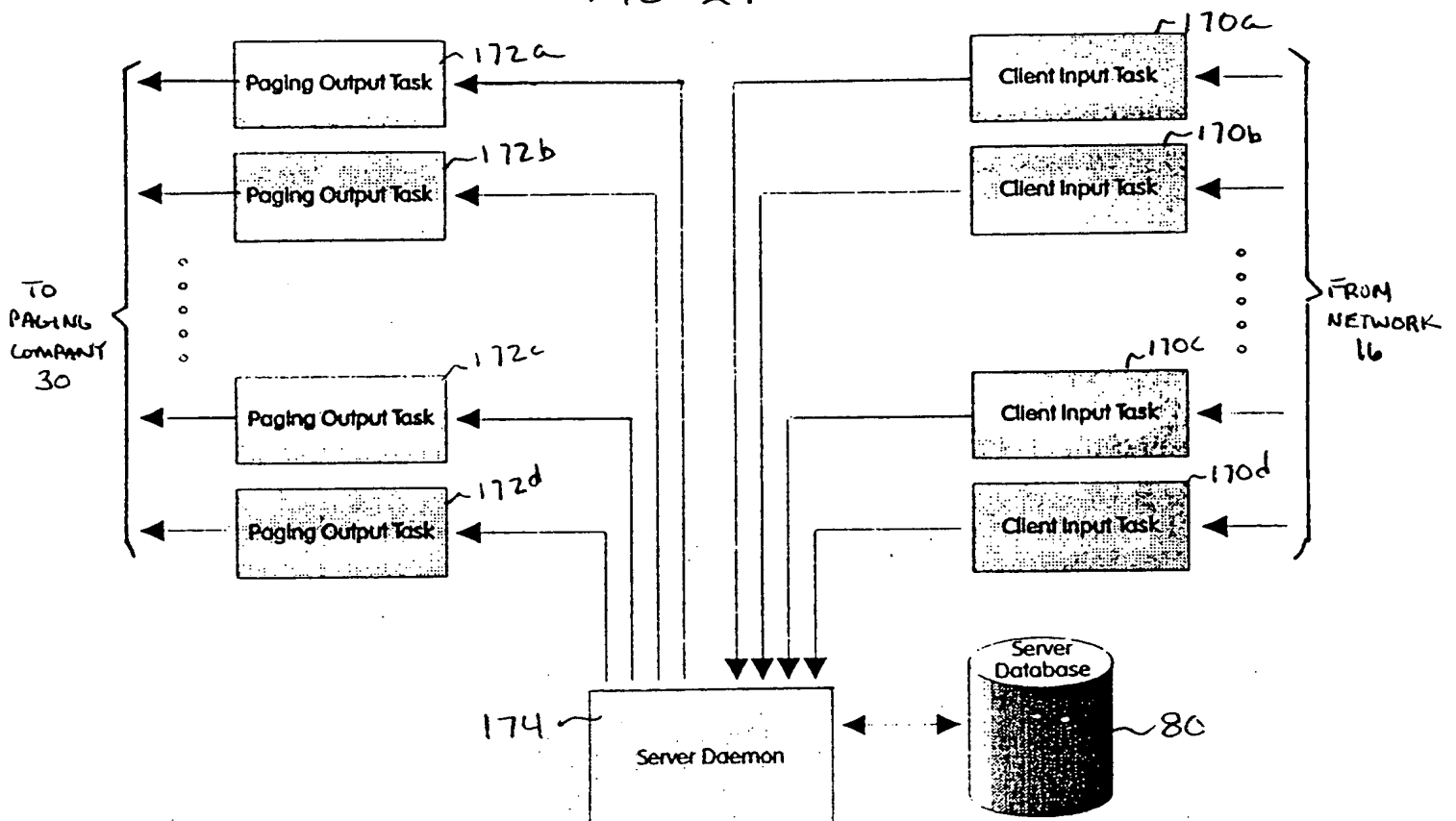


FIG. 30

	Field	Definition
0	START	Sequence number
1	LEN	Length of packet (SEQ through SUM inclusive)
3	SEQ	Packet Sequence
4	DATA	Message-specific data
...		
2+LEN	CRC	CRC-16

FIG. 31

Field	Definition
ACCOUNT	Account Number
PASS	Password
NEWPASS	New Password (optional)

FIG. 32

Field	Definition
SITEKEY	1st Site Key
...	
SITEKEY	Last Site Key



FIG. 33

Field	Definition
REGNKEY	1st Region Key
...	...
REGNKEY	Last Region Key

FIG. 34

Field	Definition
LISTKEY	1st Playlist Key
...	...
LISTKEY	Last Playlist Key

FIG. 36

Field	Definition
REGION	Region name
KEY	Region key
DESCRIP	Description
EDRDATE	ACCOUNT

Field	Definition
SITE	Site name
KEY	Site key
SSTATE	Synchronization
MANAGER	Site manager
NREGKEY	Newly selected region (by Key)
ADDRESS1	Address line 1
ADDRESS2	Address line 2
CITY	City
STATE	State code
ZIP	Zip code
PHONE	Telephone number
FAX	FAX number
COUNTRY	Country
HOURS	Hours of operation
EDITDATE	Date of last change by user

Fig. 37

Field	Definition
LIST	Playlist name
SEQ	Playlist sequence
URGENT	Urgent flag
SITEKEY	1st Site key in Playlist

SITEKEY	Last Site key in Playlist
SEP1	End of Site list
MCODE	1st Message code in Playlist

MCODE	Last message code in Playlist
-------	-------------------------------

FIG. 38

Field	Definition
KEY	Site key
SSTATE	Synchronization

FIG. 39

Field	Definition
KEY	Region key
SSTATE	Synchronization state

FIG. 40

Field	Definition
LIST	Playlist name
SEQ	Playlist sequence
URGENT	Urgent flag
SENT	Transmitted flag
SSTATE	Synchronization state
SITEKEY	1st Site key in Playlist

SITEKEY	Last Site key in Playlist
SEP1	End of Site list
MCODE	1st Message code in Playlist

MCODE	Last message code in Playlist
-------	-------------------------------

FIG. 41

	Field	Definition
0	SEQ	Sequence number
1	LEN	Length of packet (SEQ through SUM inclusive)
2	DATA	Encoded Command block
4+n	SUM	Checksum

FIG. 42

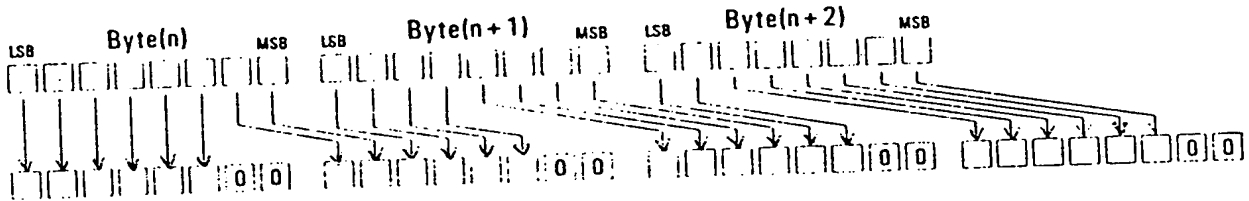


FIG. 43

	Field	Definition
0	START	STX character (02)
1	SEQ	Sequence number
2	LEN	Length of packet (FLAG through SUM inclusive)
3	DATA	Command block
3+n	SUM	Checksum

FIG. 44

	Field	Definition
0	FUNC	Packet Function (30h)
1	REGMASK	Region mask
3	TRACK(0)	First Track number
4	TRACK(1)	Second Track Number
n times		
3+n	TRACK(n-1)	Last Track Number

FIG. 45

	Field	Definition
0	FUNC	Packet Function (31h)
1	ESN	Electronic Serial Number
3	TRKCNT	Number of tracks (n)
4	TRACK(0)	First Track number
	TRACK(1)	Second Track Number
n times		
4+n	TRACK(n-1)	Last Track Number

FIG. 46

	Field	Definition
0	FUNC	Packet Function (50h)
1	RSN	Electronic Serial Number

	Field	Definition
0	PUNC	Packet Function (51h)
1	CAPCODE	Capcode #1 value

	Field	Definition
0	PUNC	Packet Function (54h)
1	CAPCODE	Capcode #2 value

	Field	Definition
0	PUNC	Packet Function (53h)
1	CAPCODE	Capcode #3

	Field	Definition
0	PUNC	Packet Function (54h)
1	CAPCODE	Capcode #4 value

FIG. 47

FIG. 48

	Field	Definition
0	PUNC	Packet Function (56h)
1	REGNUM	Region number

FIG. 49

	Field	Definition
0	RESP	Packet Response (00h)

FIG. 50

	Field	Definition
0	RESP	Packet Response (02h)

FIG. 51

	Field	Definition
0	RESP	Packet Response (02h)

FIG. 52

	Field	Definition
0	RESP	Packet Function (30h)
1	ESN	Electronic Serial Number
	CAPCODE1	Primary Capcode
	CAPCODE2	Secondary Capcode
	CAPCODE3	Secondary Capcode
	CAPCODE4	Secondary Capcode
	PFORMAT	Paging format
	GROUPNUM	Group number
	CDTYPE	CD Player ID
	TRACKCNT	Number of tracks in track list
3	TRACK[0]	1st Track Number
4	TRACK[1]	2nd Track Number
n times		
3+n	TRACK[n-1]	Last Track Number